

Title (en)

INFORMATION TRANSMISSION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE

Title (de)

INFORMATIONSÜBERTRAGUNGSVERFAHREN, ENDGERÄTEVORRICHTUNG UND NETZWERKVORRICHTUNG

Title (fr)

PROCÉDÉ DE TRANSMISSION D'INFORMATIONS, DISPOSITIF TERMINAL ET DISPOSITIF DE RÉSEAU

Publication

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Application

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- CN 2017078049 W 20170324

Abstract (en)

Embodiments of the present application disclose an information transmission method, a terminal device and a network device. The method comprises: a terminal device receiving a first synchronization signal block and a physical downlink control channel sent by a network device in a first time slot or a first mini-slot, wherein the first time slot or the first mini-slot comprises N symbols, the first synchronization signal block occupies M consecutive symbols in the first time slot or the first mini-slot, the first synchronization signal block comprises a synchronization signal and a physical broadcast channel, M and N are positive integers, and $M \leq N$. The method, terminal device and network device of the embodiments of the present application can achieve efficient multiplexing of synchronization signals, broadcast channels, and downlink control channels while meeting the high-frequency band and multi-beam transmission requirements of NR, reducing control signaling overheads and terminal complexity, and improving resource utilization and flexibility of a communication system.

IPC 8 full level

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Citation (search report)

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EP 3592083 A1 20200108; **EP 3592083 A4 20200311**; **EP 3592083 B1 20210505**; AU 2017405486 A1 20191017; AU 2017405486 B2 20220825; BR 112019019672 A2 20200422; CA 3056952 A1 20180927; CA 3056952 C 20220104; CN 110495236 A 20191122; CN 110495236 B 20240528; CN 111107657 A 20200505; CN 111107657 B 20230926; CN 118317430 A 20240709; EP 3849269 A1 20210714; EP 3849269 B1 20230927; EP 4250831 A2 20230927; EP 4250831 A3 20231213; ES 2879223 T3 20211122; IL 269514 B 20220601; JP 2020515178 A 20200521; JP 2022078267 A 20220524; JP 7083841 B2 20220613; JP 7503587 B2 20240620; KR 102297662 B1 20210903; KR 20190132380 A 20191127; MX 2019011320 A 20191112; PH 12019502152 A1 20200706; RU 2730084 C1 20200817; SG 11201908850U A 20191030; TW 201836412 A 20181001; TW 1751303 B 20220101; US 11317392 B2 20220426; US 11950255 B2 20240402; US 2020100221 A1 20200326; US 2022232539 A1 20220721; US 2024188091 A1 20240606; WO 2018170873 A1 20180927; ZA 201906205 B 20200826

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